



Materials Inspection Report

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| 1. Licensee/Location Inspected: Testing Service Corporation 360 South Main Place Carol Stream, IL 60188 Report Number(s) 2022-001 | 2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 |
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| 3. Docket Number(s) 030-32101 | 4. License Number(s) 12-17951-02 | 5. Date(s) of Inspection 11/21-23/22; exit 12/07/22 |
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LICENSEE:
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
 - A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))
 - B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
 (Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

| TITLE | PRINTED NAME | SIGNATURE AND DATE |
|---------------------------|--------------|--|
| LICENSEE'S REPRESENTATIVE | | |
| NRC INSPECTOR | Ryan Craffey | <small>Digitally signed by Ryan J. Craffey Date: 2022.12.21 10:22:11 -05'00'</small> |
| BRANCH CHIEF | Rhex Edwards | <small>Digitally signed by Rhex A. Edwards Date: 2022.12.23 08:08:28 -06'00'</small> |



Materials Inspection Record

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| 1. Licensee Name: Testing Service Corporation | 2. Docket Number(s): 030-32101 | 3. License Number(s) 12-17951-02 |
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| 4. Report Number(s): 2022-001 | 5. Date(s) of Inspection: November 21 and 23, 2022; exit December 7, 2022 |
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| 6. Inspector(s): Ryan Craffey | 7. Program Code(s): 03121 | 8. Priority: 5 | 9. Inspection Guidance Used: IP 87139 |
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| 10. Licensee Contact Name(s): Pradip Tailor - RSO | 11. Licensee E-mail Address: ptailor@tscorp.com | 12. Licensee Telephone Number(s): 630-784-4063 |
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| 13. Inspection Type: <input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced | 14. Locations Inspected: <input type="checkbox"/> Hybrid <input type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote | 15. Next Inspection Date (MM/DD/YYYY): 11/21/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change |
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16. Location(s) Inspected List:
Remote - 1350 Tri State Parkway, Gurnee, IL

17. Scope and Observations:

Testing Service Corporation was a professional engineering firm authorized to use portable gauges containing byproduct material to measure the physical properties of construction materials at temporary job sites in NRC jurisdiction. At the time of the inspection, the company had 45 Troxler gauges and 5 Humboldt gauges under a State of Illinois license, and around 40 authorized users across three of its six offices in northern Illinois. Activities in NRC jurisdiction were limited to compaction testing at the Great Lakes Naval Base in North Chicago, using gauges from its Gurnee office. The company's RSO was based in Carol Stream, assisted by site RSOs in Gurnee and Rockford.

On November 21, the inspector met with the licensee's RSO by telephone to discuss the scope and status of the licensee's program. The inspector and RSO discussed the conduct of routine gauge maintenance including leak testing, and response to emergencies (the licensee had a survey meter at each location where gauges were stored).

On November 23, the inspector met with the Gurnee site RSO and an authorized user who frequented the Naval Base via video teleconference to discuss the use and transport of gauges. The inspector observed demonstrations of gauge transport using one of the gauges routinely dispatched to the Naval Base (Troxler 3440+ s/n 69990). The licensee maintained adequate measures for the safe and secure transport of the gauge, which along with its case was in good condition and adequately labeled. Surveys performed by the site RSO at the inspector's direction were consistent with radiation profiles in the applicable SSDR safety evaluation. The inspector reviewed the accompanying gauge book which contained shipping papers, emergency response information, current leak tests results, and paper utilization logs (the licensee also maintained electronic logs, which the Gurnee RSO demonstrated). The inspector also reviewed gauge inventories, personnel dosimetry reports, and authorized user training for the Gurnee office. No violations of NRC requirements were identified as a result of this inspection.

Signature and Date - Branch Chief



Digitally signed by Rhex A. Edwards
Date: 2022.12.23 08:08:06 -06'00'